

I claim:

1. A truck bed separator for use with a truck with a truck bed wherein the truck bed comprises a truck bed floor, left and right truck side walls, a truck bed lip on top of the truck side walls,
5 a tailgate hinged to the truck bed floor and having means for releasably attaching the tailgate to the side walls, said tailgate capable of being lowered to comprise an essentially flat extension of the truck bed floor, said truck bed separator comprising:
 - 10 a left side wall separator section, a right side wall separator section, and a back wall section, said left side wall separator section and right side wall separator section being rotatably joined by hinges to the back wall section;
 - 15 hinge for securing the ramp lip to one of said side wall extension sections;
 - a clamping assembly for releasable attachment of truck bed lip to the hinge of the back wall section;
 - said left side wall separator section, right side wall
20 separator section, and back wall section having a folded configuration in which the left side wall separator section and right side wall separator section are oriented at approximately right angles to the back wall section, forming a truck bed separator which may rest at
25 some distance within the truck bed floor; and
 - said left side wall separator section, right side wall separator section, and back wall section having a straight configuration in which the left side wall separator section and right side wall separator section

are oriented in approximately straight alignment to the back wall section.

2. The truck bed separator of claim 1 wherein the clamping assembly comprises:

5 a pair of mating jaw members for releasable attachment to a truck bed lip at the jaws proximal ends;

a fastener for releasable attachment to the hinge of the back wall section at the fasteners distal end; and

10 a shaft between the pair of mating members and the fastener wherein a first end of the shaft is hinged to the distal end of the pair of mating jaws and the second end of the shaft is hinged to the proximal end of the fastener.

3. The truck bed separator of claim 2 wherein one of the mating jaw members has at least one aperture for a tightening rod.

15 4. The truck bed separator of claim 3 wherein the fastener is comprised of a latch plate and a latch pin.

5. The truck bed separator of claim 3 wherein the fastener is comprised of a latch plate and a screw.

20 6. The truck bed separator of claim 3 wherein the fastener is comprised of a clamp.

7. The truck bed separator of claim 3 wherein the fastener is comprised of a lock.

8. The truck bed separator of claim 2 wherein said left side wall separator section, right side wall separator section, and
25 back wall section each comprise a wall panel having a top edge and a bottom edge, with rails extending along the top edge and bottom edge of the wall panel, said rails extending from the wall

panels so that, when the truck bed separator is in a straight configuration forming a ramp, the rails of the side wall separator sections meet the rails of the back wall section to limit unfolding of the sections about the hinges and maintain the ramp in said straight configuration, and wherein the ramp lip can be positioned on the extended tailgate of the truck and supported thereby.

9. The truck bed separator of claim 4 wherein the wall panel is comprised of a plurality of rungs spanning between the rails along the top edge and bottom edge of said wall panel.

10. A truck bed separator for use with a truck with a truck bed wherein the truck bed comprises a truck bed floor, a left side wall and a right side wall, a truck bed lip on to of the truck side walls, a tailgate hinged to the truck bed floor and having latching mechanisms for releasably attaching the tailgate to the side walls by mating with complementary latching mechanisms on each side wall, said tailgate capable of being lowered to comprise an essentially flat extension of the truck bed floor, said truck bed extension comprising:

20 a left truck bed separator comprising

a first ramp lip, a left side wall separator section, and a first back wall section, said left side wall separator section and first ramp lip being rotatably joined by hinges to said first back wall section;

25 a right truck bed separator comprising

a second ramp lip, a right side wall separator section, and a second back wall section, said right side wall separator section and second ramp lip being rotatably joined by hinges to said second back wall section;

a clamp fastener for releasably attaching the left truck bed separator to the left truck side wall;

a clamp fastener for releasably attaching the right truck bed separator to the right truck side wall;

5 a means for releasably attaching the first back wall section to the second back wall section;

10 said left truck bed separator and right truck bed separator having a folded configuration in which the left side wall separator section is oriented at an approximately right angle to the first back wall section and the right side wall separator section is oriented at an approximately right angle to the second back wall section, and where the first back wall section is releasably attached to the second back wall section forming a truck bed separator
15 which may rest on the truck bed;

said left truck bed separator having a straight configuration in which the left side wall separator section is oriented in approximately straight alignment to the first back wall section;

20 said right truck bed separator having a straight configuration in which the right side wall separator section is oriented in approximately straight alignment to the second back wall section; and

25 said left side wall separator section being longer than said right side wall separator section so that the left truck bed separator and right truck bed separator when in the folded configuration is square with the tailgate and wherein the first back wall section is shorter than the second back wall section such that the overall length of

the left and right truck bed separators when in the straight configuration are of the same length.

11. The truck bed separator of claim 10 wherein the clamping assembly comprises:

- 5 a pair of mating jaw members for releasable attachment to a truck bed lip at the jaws proximal ends;
- a fastener for releasable attachment to the hinge of the back wall at the fasteners distal end; and
- a shaft between the pair of mating members and the fastener
- 10 wherein a first end of the shaft is hinged to the distal end of the pair of mating jaws and the second end of the shaft is hinged to the proximal end of the fastener.

12. The truck bed separator of claim 11 wherein one of the mating jaw members has at least one aperture for a tightening
15 rod.

13. The truck bed separator of claim 12 wherein the fastener is comprised of a latch plate and a latch pin.

14. The truck bed separator of claim 12 wherein the fastener is comprised of a latch plate and a screw.

20 15. The truck bed separator of claim 12 wherein the fastener is comprised of a clamp.

16. The truck bed separator of claim 12 wherein the fastener is comprised of a lock.

17. The truck bed separator of claim 10 wherein said left side
25 wall separator section, right side wall separator section, first back wall section and second back wall section each comprise a wall panel having a top edge and a bottom edge, with rails

extending along the top edge and bottom edge of the wall panel, said rails extending from the wall panels, wherein the wall panel is comprised of a plurality of rungs spanning between the rails along the top edge and bottom edge of said wall panel.